

Imitation of Food Intake and Choices in Children.

No registrations found.

Ethical review	Not applicable
Status	Pending
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON23385

Source

NTR

Health condition

Half of the research sample is overweight.

Sponsors and support

Primary sponsor: No sponsor

Source(s) of monetary or material Support: Radboud Universiteit Nijmegen, Behavioural Science Institute

Intervention

Outcome measures

Primary outcome

The primary outcome that is investigated is whether there is a difference in imitation and eating behavior between normal and overweight boys and girls. Also, the role of peers with regard to body weight and eating behaviour is investigated.

Secondary outcome

The secondary outcome is whether the behavior of the primary outcome will be related to the

preadolescent's body weight one and two years later.

Study description

Background summary

Summary of imitation study:

Preadolescents are asked to perform a cover task in two different sessions in which the participant has to cooperate with a same-sex confederate and in which the participant has to work alone on a puzzle for 10 minutes.

In the first session, normal-weight confederates are secretly signaled by a buzzer to consume a large or small amount of M&M's, or are asked to eat no M&M's at all. Participants are overweight or normal-weight children, who are not class mates of the confederates. In the second session the participant is alone with the puzzle and palatable food in order to investigate food intake without social influence.

In both experiments the participant's food intake is measured in grams. All studies take place at primary schools in The Netherlands.

Study objective

The majority of research in imitation and eating behaviour has been conducted in adolescents and adults in laboratory settings. The goal of this experimental research is to study imitation and eating behaviour in preadolescents with regard to the role of peers in their natural environment (primary schools). Sex, age and weight differences will be investigated, together with the role of mothers and class mates. This research can contribute to more specific education at schools and at home regarding healthy and unhealthy food choices.

Study design

Primary outcomes:

Timepoint: 2 months screening in the first year in order to use randomized stratified sampling in the following studies.

Screening: gather information on bodyweight, height, age, sex and a sociometric questionnaire concerning class mates.

2 studies during 6 months of the first year:

1. An observational study with video equipment with regard to imitation behaviour, 3 eating conditions with M&M's, a confederate and the participant, and a questionnaire about self-esteem, social acceptance and impulsivity;
2. An observational social influence study with video equipment and palatable food, a questionnaire concerning background information, the Dutch Eating Behaviour Questionnaire, and the Child Feeding Questionnaire.

Secondary outcomes:

Timepoint: 2 follow-up timepoints.

Information about body weight, height, age, sex and a sociometric questionnaire concerning class mates.

Intervention

No intervention will take place. The participants and parents/caretakers will not be confronted with their behavior.

Contacts

Public

P.O. Box 9104
Kris Bevelander
Nijmegen 6500 HE
The Netherlands
+31 (0)24 3612803

Scientific

P.O. Box 9104
Kris Bevelander
Nijmegen 6500 HE
The Netherlands
+31 (0)24 3612803

Eligibility criteria

Inclusion criteria

1. The schools and parents/caretakers are fully informed and have to have given active consent;
2. The participants are normal or overweight boys and girls between 8 and 13 years.

Exclusion criteria

All preadolescents who are underweight or have dietary constraints (e.g. diabetes, food allergy or intolerance) are excluded from this study.

Study design

Design

Study type:	Observational non invasive
Intervention model:	Parallel
Allocation:	Non-randomized controlled trial
Masking:	Single blinded (masking used)
Control:	N/A , unknown

Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	15-11-2009
Enrollment:	485
Type:	Anticipated

Ethics review

Not applicable	
Application type:	Not applicable

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

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

No registrations found.

In other registers

Register ID

NTR-new NL1939

NTR-old NTR2055

Other Behavioural Science Institute, Radboud University Nijmegen : 243202

ISRCTN ISRCTN wordt niet meer aangevraagd.

Study results

Summary results

N/A