Zout.

No registrations found.

Ethical review	Positive opinion
Status	Recruiting
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON22606

Source
Nationaal Trial Register

Brief title
Salt

Health condition

alterations in taste perception as result of diet

Sponsors and support

Primary sponsor: Wageningen University
Source(s) of monetary or material Support: STW/NWO, Danone, FrieslandCampina, Unilever, TIFN, TNO

Intervention

Outcome measures

Primary outcome

Subjective measurements of liking an saltiness of different salt concentrations in food.

Secondary outcome

Subjective measurements of desire-to-eat several types of salty foods. Detection threshold of salt in water.

Study description

Background summary

Worldwide, the daily sodium intake is too high and this leads to an increased blood pressure and thereby an increased prevelance of cardiovasular disease. A reduction of sodium in foods results in a decrease in saltiness, which is often associated with a less palatable taste. In humans, the perception and preference for salt is learned by experience rather than by physiological factors. Preference for saltiness can change by repeated exposure, as shown before. A salt-reduced diet may increase the pleasantness when exposed to low salt concentations in food and may increase the sensitivity to saltiness.

This study is a substudy of a large controlled trial: "KaNa-001" at clinicaltrials.gov

Study objective

A salt-reduced diet leads to a shift in preference to lower salt concentrations in food.

Study design

Wk 0 (baseline), wk 1, wk 3, wk 5, wk 9 and wk 13.

Intervention

Subjects will be on a controlled sodium reduced diet (2 g sodium/day) for 13 weeks.

Contacts

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The Netherlands
Scientific
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Wageningen 6703 HD
The Netherlands

Eligibility criteria

Inclusion criteria

Inclusion criteria for the intervention group of the “Salt” study:

1. Participation in the Ka/Na-trial*;

2. Willing to participate in the “Salt” study.

Inclusion criteria for the control group of the “Salt” study:

1. Drop-outs of Ka/Na-trial due to a too low blood pressure (SBP < 130 mm Hg).

*This study is a sub-study of the KaNa-trial in which the effect of potassium and sodium on bloodpressure are investigated.

Exclusion criteria

N/A

Study design

Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Non controlled trial
Masking:	Open (masking not used)
Control:	Active

Recruitment

NL

Recruitment status:	Recruiting
Start date (anticipated):	20-02-2012
Enrollment:	90
Type:	Anticipated

Ethics review

Positive opinion
Date: 06-02-2012
Application type: First submission

Study registrations

Followed up by the following (possibly more current) registration

ID: 35225
Bron: ToetsingOnline
Titel:

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

No registrations found.

In other registers

Register	ID
NTR-new	NL3124
NTR-old	NTR3274
CCMO	NL39002.081.11
ISRCTN	ISRCTN wordt niet meer aangevraagd.
OMON	NL-OMON35225

Study results

Summary results
N/A