

# The promotion of water consumption among children's social network at schools in Aruba

Gepubliceerd: 20-12-2018 Laatste bijgewerkt: 18-08-2022

Children in the intervention group will consume (a) more water and (b) less sugar sweetened beverages after the intervention compared to the control group.

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

## Samenvatting

### ID

NL-OMON26157

### Bron

Nationaal Trial Register

### Aandoening

The study contributes to obesity prevention by promoting healthy consumption behaviors.

Keywords: Aruba, behavior, Caribbean, children, health, motivation, obesity, social norms, sugar sweetened beverage consumption, water consumption.

## Ondersteuning

**Primaire sponsor:** Radboud University Nijmegen  
Behavioural Science Institute

**Overige ondersteuning:** University of Aruba  
Faculty for Finance, Accounting, and Marketing

## Onderzoeksproduct en/of interventie

## Uitkomstmaten

### Primaire uitkomstmaten

## **Toelichting onderzoek**

### **Achtergrond van het onderzoek**

The purpose of this study is to determine the efficacy of a customized social network randomized control trial promoting water consumption among primary schools (grade 5 and 6) in Aruba, a Caribbean island. This design utilizes key findings of two previous conducted studies on this specific topic in this Caribbean setting: A social network based intervention study and a theory based water consumption determinants study. The intervention consists of sociometrically selecting influential children and discuss the benefits of water consumption and training them to promote water consumption among their classmates for a period of eight weeks. The control group will not receive any intervention. The consumption of water and sugar sweetened beverages of children will be measured at pre- and post-intervention.

### **Doel van het onderzoek**

Children in the intervention group will consume (a) more water and (b) less sugar sweetened beverages after the intervention compared to the control group.

### **Onderzoeksopzet**

Pre-intervention measurement: January 2019

Post-intervention measurement: March 2019

### **Onderzoeksproduct en/of interventie**

Participating primary schools will be randomized in an intervention group and a control group. The intervention uses influential children because of their impact on their social network at schools. The intervention consists of two main components: (1) Nominating children sociometrically by their own classmates through a questionnaire; and (2) Training the influential peers to take up the role of peer influencers to promote water consumption among their classmates for eight weeks. The control group will receive no treatment. During the training session the peer influencers will: (a) Share their existing knowledge regarding water consumption and sugar content of sugar sweetened beverages; (b) Receive additional knowledge regarding health and environmental benefits of water consumption; (c) Be motivated to practice modelling water consumption behavior around their classmates; (d) Be motivated to practice messaging (communicate verbally) with their classmates about the benefits of water consumption; (e) Be encouraged to formulate their own arguments and their own ways to informally motivate their classmates to consume more water.

## Contactpersonen

### Publiek

J.E. Irausquinplein 4

S.C.M. Franken  
Oranjestad  
Aruba  
+297 5262234

### Wetenschappelijk

J.E. Irausquinplein 4

S.C.M. Franken  
Oranjestad  
Aruba  
+297 5262234

## Deelname eisen

### Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Primary school children in grade 5 and 6; between 9 and 13 years old.

### Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Primary schools that are private schools or special education schools. Primary schools involved in other programs aimed at changing their health related behaviors.

## Onderzoeksopzet

## Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd
Blinding:	Open / niet geblindeerd
Controle:	Actieve controle groep

## Deelname

Nederland	
Status:	Werving nog niet gestart
(Verwachte) startdatum:	14-01-2019
Aantal proefpersonen:	200
Type:	Verwachte startdatum

## Ethische beoordeling

Niet van toepassing	
Soort:	Niet van toepassing

## Registraties

### Opgevolgd door onderstaande (mogelijk meer actuele) registratie

Geen registraties gevonden.

### Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

### In overige registers

Register	ID
NTR-new	NL7436
NTR-old	NTR7678

**Register**

Ander register

**ID**

: ECSW2014-2411-273

## Resultaten