

Liking of e-liquid odors

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Ethische beoordeling	Positief advies
Status	Werving nog niet gestart
Type aandoening	-
Onderzoekstype	Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON26740

Bron

Nationaal Trial Register

Verkorte titel

Smell-e 2

Aandoening

E-cigarettes, e-liquids, e-liquid odors

Ondersteuning

Primaire sponsor: Wageningen University

Overige ondersteuning: Dutch Ministry of Health, Welfare and Sports

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Mean ratings for liking of the e-liquid odors obtained using a 9-point labeled hedonic scale

Toelichting onderzoek

Achtergrond van het onderzoek

Whereas smoking burns tobacco, the use of an e-cigarette (vaping) only heats e-liquids. Therefore, an e-cigarette is considered a potentially less harmful alternative for smoking. E-liquids consist of a base liquid with flavorings and may contain nicotine. E-liquids are available in a high variety of flavors, which increase sensory appeal. As e-cigarettes are not safe, governments aim to prevent youth and non-smokers from initiating e-cigarette use. In order to regulate flavors in a way that they are attractive to (adult) tobacco smokers but not attractive to youth non-smokers, sensory research on the liking of different e-liquid flavors among different consumer groups is needed. Therefore, this study aims to investigate differences in hedonic assessment of different e-liquid odors between adult smokers, young adult non-smokers, and youth non-smokers by smelling (i.e., not vaping nor inhaling).

Doel van het onderzoek

We expect differences in hedonic assessment of different e-liquid odors between the three groups, in a way that liking ratings for sweet e-liquid odors may be higher among non-smoking youth and young adults than smoking adults, and for non-sweet e-liquid odors vice versa.

Onderzoeksopzet

Participants will fill out an online questionnaire of approximately 15 minutes to determine eligibility. Participants will assess the odors during 2 test sessions of both 1 hour. Data will be collected using EyeQuestion software. Liking will be assessed using a 9-point labeled hedonic scale; the other attributes will be assessed using a continuous 100-unit visual analogue scale.

Onderzoeksproduct en/of interventie

Participants will smell 30 e-liquids (approximately 10 drops dissolved in 1 mL of demi water) with different flavors.

Contactpersonen

Publiek

RIVM
Erna Krüsemann

+31 302742512

Wetenschappelijk

RIVM

Erna Krüseemann

+31 302742512

Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

- Be an adult cigarette smoker (aged 20-55), young adult non-smoker (aged 20-25), or youth non-smoker (aged 16-17)
- Be susceptible to e-cigarette use
- Good proficiency of the Dutch language (self-report)
- Generally healthy (self-report)

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

- For women: lactating or being pregnant
- Having olfactory deficiencies (self-report)
- Being a regular e-cigarette user (daily, weekly, or monthly)
- Be employed by the Division of Human Nutrition and Health of Wageningen University or doing an MSc internship/writing a thesis at the Sensory Science and Eating Behavior chair group within the Division of Human Nutrition and Health of Wageningen University
- Participation in another medical-scientific study (except for EetMeetWeet)

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Parallel
Toewijzing:	N.v.t. / één studie arm
Blinding:	Open / niet geblindeerd

Controle: N.v.t. / onbekend

Deelname

Nederland

Status: Werving nog niet gestart

(Verwachte) startdatum: 05-02-2020

Aantal proefpersonen: 216

Type: Verwachte startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nee

Toelichting

Not applicable

Ethische beoordeling

Positief advies

Datum: 28-01-2020

Soort: Eerste indiening

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	NL8333
Ander register	METC WUR : METC 19/27

Resultaten

Samenvatting resultaten

Not applicable