Erasing smoking memories with a retrieval-distractor protocol

No registrations found.

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

Summary

ID

NL-OMON27225

Source
NTR

Brief title
Erasing smoking memories

Health condition

tobacco use disorder

Sponsors and support

Primary sponsor: Prof. Dr. J. Geurts of the department of Anatomy and Neuroscience, Amsterdam UMC
Source(s) of monetary or material Support: Amsterdam UMC

Intervention

Outcome measures

Primary outcome

the change in cue-induced craving (Tobacco Craving Questionnaire – Short Form” (TCQ-SF) as a result of the intervention

Secondary outcome

Firstly, physiological measures for cue-reactivity (skin conductance, heart rate, blood pressure) are measured during 2 exposure sessions (one before and one after intervention). Secondly, smoking behavior on the follow-up (2 weeks and 3 months after intervention) is tested by means of questionnaires.

Study description

Background summary

The aim of the study is to evaluate a retrieval-distractor protocol on cue-induced craving in smokers. The primary objective is to evaluate whether retrieval of smoking memories directly followed by distractor stimuli would lead to a reduced cue-induced craving, i.e. successful disruption of the reconsolidation of the addiction memory. To test this, we will compare two groups of smokers subjected to a motion-assisted modified EMDR procedure in a virtual environment. One group will be exposed to distractor stimuli upon smoking memory retrieval, the other group to a non-distracting control stimulus

Study objective

We expect to see a greater decline in cue-induced craving after intervention in the active group than the control group.

Study design

Patients come to the Amsterdam UMC (location Vumc) for 5 days straight: the middle three days are the intervention days, on the first and last day questionnaires and cue-exposure are carried out

Intervention

Three sessions of 45 minutes, in which the active group, who walk in a virtual environment, are exposed to visual smoke-related stimuli and distractor stimuli. The control group is exposed to neutral stimuli instead of the distractor stimuli.

Contacts

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Eligibility criteria

Inclusion criteria

Men and women aged between 30 and 50 years, who have smoked for at least 10 years and smoke a minimum of 10 (filter) cigrattes per day

Exclusion criteria

Participants with: 1) Neurological disorders 2) lifetime diagnosis or treatment of psychosis or mania 3) other psychiatric diagnoses or treatments in the past year 4) current use of psychopharmaca 5) current substance abuse besides nicotine 6) mobile restrictions 7) unability to understand study procedures

Study design

Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Randomized controlled trial
Masking:	Double blinded (masking used)
Control:	Placebo

Recruitment

NL

Recruitment status:	Recruiting
Start date (anticipated):	30-04-2020
Enrollment:	80

Type: Anticipated

IPD sharing statement

Plan to share IPD: Undecided

Ethics review

Positive opinion
Date: 30-04-2020

Application type: First submission

Study registrations

Followed up by the following (possibly more current) registration

ID: 55689
Bron: ToetsingOnline
Titel:

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

No registrations found.

In other registers

Register	ID
NTR-new	NL8581
CCMO	NL63887.029.18
OMON	NL-OMON55689

Study results