

Reward Sensitivity and Stress Vulnerability: A pilot study.

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In order to validate the implementation and efficacy of a novel combination of a reward-learning and stress-processing paradigms, we conduct a computerized behavioural pilot study using healthy volunteers. In the reward-learning paradigm, the main...

Ethische beoordeling	Niet van toepassing
Status	Werving nog niet gestart
Type aandoening	-
Onderzoekstype	Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON28401

Bron

Nationaal Trial Register

Verkorte titel

Reward&Stress

Aandoening

Reward sensitivity.
Stress vulnerability.
Healthy volunteers.

Ondersteuning

Primaire sponsor: Maastricht University

Overige ondersteuning: European research Cimmittee

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

In the reward-learning paradigm, the main study parameter is the performance on the computerized task as measured by percentage correct choices of the rewarding stimulus relative to the losing stimuli.

In both the ostracism and the social stress paradigms, the main study parameter is the change in stress scores endorsed by the participants on behavioural questionnaires, as a function of exposure to stressful stimuli. A parallel study parameter is the change in salivary cortisol concentrations as a function of exposure to the stress manipulation.

Toelichting onderzoek

Achtergrond van het onderzoek

The primary aim of this study is to validate the paradigms designed to investigate the effects of social stress and social reward, using healthy individuals. 30 healthy volunteers will be recruited to participate in a single study session lasting approximately 2 hours. Each session will consist of two computerized behavioural experiments, a brief neuropsychological assessment and a number of questionnaires. In order to assess the subjective and objective effects of stress and reward, participants will be asked to periodically fill out a brief questionnaire while chewing on a cotton salivette. The salivettes collect saliva samples that will later be used for analyses of the hormone cortisol. Following the study session, participants will be asked to continue filling out brief questionnaires using a portable electronic device for the duration of 1.5 days.

Doel van het onderzoek

In order to validate the implementation and efficacy of a novel combination of a reward-learning and stress-processing paradigms, we conduct a computerized behavioural pilot study using healthy volunteers. In the reward-learning paradigm, the main study parameter is the difference between percentage choices of the rewarding stimulus over time. In both the ostracism paradigm and the social stress paradigm, the main study parameter is the change in the subjective and objective stress levels from baseline to endpoint.

Onderzoeksopzet

One timepoint.

Onderzoeksproduct en/of interventie

N/A

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

1. Aged between 18 – 35;
2. Sufficient command of the Dutch language to understand and give informed consent;
3. Mental competence*;
4. Signed informed consent;
5. Somatically, neurologically and mentally healthy state.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

1. Current Axis I diagnosis of psychiatric disorder or personality disorder;
2. Current alcohol or substance abuse;

3. Current psychotropic medication use.

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:	05-01-2013
Aantal proefpersonen:	30
Type:	Verwachte startdatum

Ethische beoordeling

Niet van toepassing	
Soort:	Niet van toepassing

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

ID: 39782
Bron: ToetsingOnline
Titel:

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL3719
NTR-old	NTR3882
CCMO	NL42638.068.13
ISRCTN	ISRCTN wordt niet meer aangevraagd.
OMON	NL-OMON39782

Resultaten

Samenvatting resultaten

N/A