Freezing responses in borderline patients with and without comorbid PTSD: An experimental study

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Examining freezing in response to aversive stimuli in two specifieke clinical populations: borderline patients with and without comorbid PTSD. This will provide new insights in the role of freezing in the development and maintenance of these...

Ethical review	Approved WMO
Status	Recruitment stopped
Health condition type	Anxiety disorders and symptoms
Study type	Observational non invasive

Summary

ID

NL-OMON34485

Source
ToetsingOnline

Brief title
Freezing in borderline patients

Condition

- Anxiety disorders and symptoms

Synonym
borderline persoonlijkheidsstoornis, posttraumatic stress disorder (PTSD)

Research involving
Human

Sponsors and support

Primary sponsor: Universiteit Leiden
Source(s) of monetary or material Support: Ministerie van OC&W,NWO

Intervention

Keyword: borderline, experiment, freezing, posttraumatische stress stoornis

Outcome measures

Primary outcome

Freezing (heart rate and reaction time delay), subjective distress and

subjective immobility

Secondary outcome

N/A

Study description

Background summary

Behavioural inhibition and freezing are important threat responses and seem to play a role in the aetiology of trauma-related disorders. However, most studies focus on animal freezing and little research has done on human freezing. Recently, several studies were able to elicit and assess freezing responses in humans. These studies revealed: 1) a crucial role for heart rate, and 2) differences between traumatised and non-traumatised participants. It is of great importance to investigate freezing in clinical trauma-related populations (PTSD). Borderline patients are also an interesting group as they are characterised by impulsive behaviour, which could lead to disfunctional freezing responses.

Study objective

Examining freezing in response to aversive stimuli in two specifieke clinical populations: borderline patients with and without comorbid PTSD. This will provide new insights in the role of freezing in the development and maintenance of these disorders. This has primarily a scientific and fundamental purpose but this knowledge can later be used to optimise the treatment of trauma-related disorders.

Study design

An experiment with a within-subjects (aversive, positive and neutral stimuli) and between-subjects (borderline with and without PTSD and healthy controls)

design will be executed in order to test acute responses to distinct emotional stimuli. The second task (a reaction time task) has the same purpose.

Study burden and risks

The main burdan for the participants is the use of aversive stimuli (such as *bloody* and frightening pictures and film fragments). Except for a contribution to scientific knowledge and optimalisation of future treatments, there are no personal benefits for the participants.

Contacts

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Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age
Adults (18-64 years)
Elderly (65 years and older)

Inclusion criteria

all participants: good or corrected vision, Dutch speaking
patients: meeting DMS-IV criteria for borderline or borderline and PTSD

Exclusion criteria

all participants: colour blindness, substance or alcohol abuse
controls: treatment for psychiatric disorders

Study design

Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	Randomized controlled trial
Masking:	Open (masking not used)
Control:	Active
Primary purpose:	Basic science

Recruitment

NL

Recruitment status:	Recruitment stopped
Start date (anticipated):	19-11-2011
Enrollment:	45
Type:	Actual

Ethics review

Approved WMO

Date:	12-04-2011
Application type:	First submission
Review commission:	METC Leids Universitair Medisch Centrum (Leiden)

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

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

No registrations found.

In other registers

Register	ID
CCMO	NL34520.058.10