

Emotional information-processing in Borderline Personality Disorder: A neurophysiological approach.

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Goal of the study is to gain more scientific knowledge in the area of Borderline Personality Disorder. This might help to reach a better understanding of the disorder and could lead to the development of more effective (pharmacological) treatment...

Ethical review	Approved WMO
Status	Recruiting
Health condition type	Personality disorders and disturbances in behaviour
Study type	Interventional

Summary

ID

NL-OMON29975

Source

ToetsingOnline

Brief title

Information-processing in Borderline Personality Disorder

Condition

- Personality disorders and disturbances in behaviour

Synonym

Borderline personality disorder

Research involving

Human

Sponsors and support

Primary sponsor: Parnassia (Den Haag)

Source(s) of monetary or material Support: Ministerie van OC&W

Intervention

Keyword: Borderline Personality Disorder, EEG, Emotions, Information-processing

Outcome measures

Primary outcome

Do Borderline-patients have a neuro-physiological hyper-sensitivity to emotional stimuli?

Secondary outcome

1. Is there a higher level of Event-Related Brain Response (ERP) to emotional stimuli compared to a control group?
2. Does it take longer for BPD-patients until ERP reaches baseline level compared to a control group?

Study description

Background summary

Borderline Personality Disorder (BPD) is a serious psychiatric disease, one of the main symptoms is emotional instability. From earlier studies it is known that BPD-patients are troubled by intense emotions such as anger, feeling 'empty', grief and that these emotions can rapidly change within a short period of time. Sometimes this is without any mentionable cause, often it is a reaction on some kind of emotional trigger. So far, few neuro-physiological studies have examined how BPD- patients respond to emotional stimuli. It is possible that BPD- patients respond hyper-sensitive to emotional stimuli compared to control-subjects. Until now, no EEG-studies have examined emotional information-processing among a population of BPD-patients.

Study objective

Goal of the study is to gain more scientific knowledge in the area of Borderline Personality Disorder. This might help to reach a better understanding of the disorder and could lead to the development of more effective (pharmacological) treatment methods.

Study design

To answer these research questions we chose for a paradigm in which BPD-patients are compared with healthy control-subjects.

During a EEG-measurement participants are exposed to images with a positive, negative or neutral theme. Before and after this measurement participants are asked to fill out several questionnaires. After the measurement an accurate talk-down will follow. The measurements will be performed by a research-assistant at the Erasmus University in Rotterdam, during the measurement a therapist from the CCP is present. Patients and control subjects receive a financial compensation.

Intervention

Participants are being exposed to a EEG-measurement

Study burden and risks

No particular health-risks are expected as a result of EEG-measurements. It is possible that the questionnaires or the exposure to the images causes some distress among patients. Therefore a accurate talk-down is given after the measurements and during measurements a psychologist of the CPP is present. If needed, patients can consult with an independent physician of the CPP.

Contacts

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Scientific

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Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adults (18-64 years)

Elderly (65 years and older)

Inclusion criteria

- Patients are in treatment (CPP, The Hague)
- Borderline Personality Disorder on Ax 2
- Age between 18 and 40 years
- Right-handedness

Exclusion criteria

- Major Depression
- Anxiety Disorder
- Severe addiction
- Active psychotic symptoms
- Post-traumatic stress disorder
- Use of benzodiazepines

Study design

Design

Study type: Interventional

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Diagnostic

Recruitment

NL

Recruitment status: Recruiting

Start date (anticipated):	01-08-2006
Enrollment:	60
Type:	Actual

Ethics review

Approved WMO	
Date:	16-05-2006
Application type:	First submission
Review commission:	METIGG: Medisch Ethische Toetsingscommissie Instellingen Geestelijke Gezondheidszorg (Utrecht)

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	NL12218.097.06