Emotion processing in anorexia nervosa: what happens in the brain?

No registrations found.

Ethical review	Positive opinion
Status	Pending
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON21380

Source
Nationaal Trial Register

Brief title
NA

Health condition

Anorexia Nervosa, emotion processing, fMRI, brain, ambiguity.

Sponsors and support

Primary sponsor: Utrecht University
Source(s) of monetary or material Support: Neuroscience & Cognition Utrecht

Intervention

Outcome measures

Primary outcome

Upon ambiguous affective stimuli, different brain regions in Anorexia nervosa patients will be activated with different responses compared tot healthy controls.

Secondary outcome

Anorexia patients differ from healthy controls in terms of (1) emotion processing (ERQ, RME task, PANAS, IUS, BDI, STAI), (2) the effects of processing ambiguous affective stimuli (WOF task), and (3) the association beteen measures of emotion processing and emotional and neuronal esponses to ambiguous affective stimuli

Study description

Background summary

N/A

Study objective

Primary Objective:

1) To examine how the brain regions and responses involved in the appraisal of ambiguous affective stimuli differ between anorexia nervosa patients and healthy control participants.

Secondary Objective(s):

To assess how anorexia nervosa patients differ from healthy control participants in terms of: 1) emotion processing, 2) the effects of processing ambiguous affective stimuli on levels of (negative) emotions, 3) the association between measures of emotion processing and emotional and neural responses to ambiguous affective stimuli.

Study design

once

Intervention

Not applicable.

Contacts

Public
Altrecht Eating Disorders Rintveld
Wenshoek 4
Lot Sternheim

Zeist 3705 WE
The Netherlands
+31 (0)30 6965431
Scientific
Altrecht Eating Disorders Rintveld
Wenshoek 4
Lot Sternheim
Zeist 3705 WE
The Netherlands
+31 (0)30 6965431

Eligibility criteria

Inclusion criteria

Anorexia nervosa participants:

-Diagnosed with AN of ED-NOS-AN (DSM-IV criteria) of ANR (DSM-5 criteria)

-Right-handed

-Female

-Age between 18 and 35 years of age at the day of screening

-BMI below 17.5 kg/m2

-Having written informed consent

-Willing to comply with the study procedures

-Willing to accept use of all anonymized data, including publication, and the confidential use and storage of all data.

-Willing to receive information about chance findings of pathology and approving of the disclosure of this information to the general physician.

Healthy control participants:

-Right-handed

-Female

-Age between 18 and 35 years of age at the day of screening

-Having given written informed consent

-Willing to comply with the study procedures

-Willing to accept use of all anonymized data, including publication, and the confidential use and storage of all data
-Willing to receive information about chance findings of pathology

Exclusion criteria

Anorexia nervosa participants:

-Having a history of or current excessive alcohol consumption (> 28 units per week)

-Having a drug dependency.

-Not having a general practitioner

-Participation in any other clinical trial in the week preceding this study

-Contra-indications to MRI scanning on the basis of the MRI screening form, including:

- Claustrophobia

- Metal objects in the body incompatible with MRI scanning

-Having a history of medical or surgical events that may significantly affect the study outcome, such as brain surgery.

-Working at the group Experimental Psychopathology of the Department of Social Sciences of the Utrecht University, the Image Sciences Institute or the Radiology Department of the UMC Utrecht or Altrecht Eating Disorders Rintveld as employee or student.

Healthy control participants:

-A current or lifetime psychiatric disorder

-Having a history of or current excessive alcohol consumption (> 28 units per week)

-Having a drug dependency.

-Participation in any other clinical trial in the week preceding this study

-Contra-indications to MRI scanning on the basis of the MRI screening form, including:

- Claustrophobia

- Metal objects in the body incompatible with MRI scanning

-Having a history of medical or surgical events that may significantly affect the study outcome, such as brain surgery.
-Working at the group Experimental Psychopathology of the Department of Social Sciences of the Utrecht University, the Image Sciences Institute or the Radiology Department of the UMC Utrecht or Altrecht Eating Disorders Rintveld as employee or student.

Study design

Design

Study type:	Observational non invasive
Intervention model:	Other
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL

Recruitment status:	Pending
Start date (anticipated):	01-01-2014
Enrollment:	30
Type:	Anticipated

Ethics review

Positive opinion

Date:	11-12-2013
Application type:	First submission

Study registrations

Followed up by the following (possibly more current) registration

ID: 38444
Bron: ToetsingOnline
Titel:

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

No registrations found.

In other registers

Register	ID
NTR-new	NL4199
NTR-old	NTR4351
CCMO	NL45093.041.13
ISRCTN	ISRCTN wordt niet meer aangevraagd.
OMON	NL-OMON38444

Study results

Summary results
N/A