Valenced dual tasking in PTSD patients

No registrations found.

Ethical review	Positive opinion
Status	Recruitment stopped
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON24099

Source
NTR

Brief title
TBA

Health condition

PTSD

Sponsors and support

Primary sponsor: None
Source(s) of monetary or material Support: None

Intervention

Outcome measures

Primary outcome

Emotionality and vividness of (traumatic) memory.

Secondary outcome

The influence of working memory and self-esteem in valenced dual tasking.

Study description

Background summary

Analogue lab models of EMDR have shown that emotionality and vividness of aversive memories decrease by engaging in a taxing working memory task while the memory is activated. In the recent years, studies that add valence to the dual tasking model have shown promising results. With this study, we aim to take the lab findings to clinical practice and research the benefit of enhancing a dual tasking session by adding positive valence to the secondary task in PTSD treatment.

Study objective

We expect that emotionality and vividness of traumatic memory will be decreased most in the positive dual tasking condition.

Study design

We will collect data on several time points (the intervention consists of one intervention session only and the patient may choose to have all measures (but the primary outcome measure, the VAS) in an earlier session or just before the intervention session):

Right before the intervention: Emotionality and vividness of the memory (pre measure Visual analogue scales), working memory (WAIS Digit Span), Self-esteem (Rosenberg Self Esteem Scale), demographic and other baseline characteristics (Posttraumatic Diagnostic Scale-V, Symptom Check List-90).

After each intervention: Emotionality and vividness of the memory (post measure Visual analogue scales)

Intervention

All patients receive all three conditions in randomized order in one session:

- Positive dual tasking: Participants bring to mind (alternating between assisted and unassisted recall) the most distressing image (the hotspot) of their traumatic memory, while simultaneously rating positive pictures in 8 sets of 1 minute (4 sets per one block). This brings about competition in the working memory, leading to decrements in emotionality and vividness ratings (which is theorized to be the working mechanism of EMDR). Based on previous literature, we expect positive valence to amplify these effects on top of the general ‘dual tasking effect’.

- Neutral dual tasking: Same as above, but with neutral pictures.

- Exposure only: Participants focus on a fixation cross, while keeping their most distressing image in mind. Exposure times are kept equal to the other two conditions.

Contacts

Public
Tilburg University
Tom IJdema

+31134664796
Scientific
Tilburg University
Tom IJdema

+31134664796

Eligibility criteria

Inclusion criteria

- Diagnosed PTSD as measured by the Dutch version of the Structured Clinical Interview for DSM-5 Disorders (SCID-5: First, Williams, Karg & Spitzer, 2016).
- Indicated for EMDR, IE or IR.
- Treatment has not started yet.
- Age between 18-65
- Medication is stable for at least 2 months

Exclusion criteria

- Other severe emotional or psychosocial problems: personal crisis, suicidality, severe addiction and/or psychosis, which will interfere with a PTSD treatment
- Having had an exposure based treatment for PTSD within 2 years of the enrollment in the study.

Study design

Design

Study type:	Interventional
Intervention model:	Crossover

Allocation:	Randomized controlled trial
Masking:	Open (masking not used)
Control:	Active

Recruitment

NL

Recruitment status:	Recruitment stopped
Start date (anticipated):	26-09-2019
Enrollment:	50
Type:	Actual

IPD sharing statement

Plan to share IPD: Yes

Ethics review

Positive opinion

Date:	16-07-2021
Application type:	First submission

Study registrations

Followed up by the following (possibly more current) registration

ID: 47667
Bron: ToetsingOnline
Titel:

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

No registrations found.

In other registers

Register	ID
NTR-new	NL9628
CCMO	NL51740.058.15

Register	ID
OMON	NL-OMON47667

Study results