

***Psycho Babble*: a speech tracking task in patients with non-affective psychosis, their first-degree family members and control participants.**

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The aim of the present study is to investigate the semantic network of patients with psychosis with current auditive hallucinations, patients with psychosis without current auditive hallucinations, first degree relatives of patients with psychosis...

| | |
|------------------------------|---|
| Ethical review | Approved WMO |
| Status | Recruitment stopped |
| Health condition type | Schizophrenia and other psychotic disorders |
| Study type | Observational non invasive |

Summary

ID

NL-OMON33718

Source

ToetsingOnline

Brief title

Psycho Babble in patients with psychosis

Condition

- Schizophrenia and other psychotic disorders

Synonym

psychosis, psychotic disorders

Research involving

Human

Sponsors and support

Primary sponsor: Universiteit Maastricht

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

Intervention

Keyword: auditive hallucinations, psychosis, psychotic disorders, speech, vulnerability

Outcome measures

Primary outcome

All words or combinations of words from participants will be analysed if it is an existing word of the narratives or if it is a non-existing word of the narratives. The amount of words, and the longest phrase (counted as the number of words reported by the participant) comprised the Length of Speech Illusion-score (LSI-score).

Secondary outcome

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Study description

Background summary

Several studies have shown that patients with psychosis may have disturbances of language processing. With the multispeakers task it is possible to investigate differences in speech perception in patients with psychosis with current auditive hallucinations, patients with psychosis without current auditive hallucinations, healthy family members and healthy control participants.

Because of an increased genetic vulnerability in first degree relatives of patients with psychosis, a qualitatively similar disturbance of the semantic network at a more attenuated level is expected.

Study objective

The aim of the present study is to investigate the semantic network of patients with psychosis with current auditive hallucinations, patients with psychosis without current auditive hallucinations, first degree relatives of patients

with psychosis and healthy control participants.

Study design

Before the execution of the present task, an audioscreening will be done to exclude hearing loss/hearing problems.

During the multispeakers task, the subjects have to listen through a headphone to speech record of six Dutch speaking people (three men and three women). These sheets were put together in a multi-speakers-phonetic-noise/"babble" with a totale duration of 2.5 minutes. The participants have to repeat as many words or sentences that they *hear* at the same time while listening to the babble.

Study burden and risks

There are no medical or mental risks risks associated with participation of the present study.

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

1. between 18 and 50 years
2. native speakers of Dutch
3. normal or corrected to normal vision
4. patients: (a) diagnosed with a non-affective psychosis and (b) first contact with a psychiatric institution because of psychotic symptoms of 10 years maximum.
5. first-degree relatives: brother or sister of the patient who was diagnosed with a non-affective psychosis
6. healthy controls: (a) never diagnosed with a lifetime diagnosis of non-affective psychosis and (b) none of first-degree relatives were diagnosed with a psychotic disorder

Exclusion criteria

1. objective means of hearing loss
2. mental retardation (IQ<70)
3. psychotic disorder due to a general medical condition
4. alcohol and drug related substance disorder according to the DSM-IV

Study design

Design

| | |
|---------------------|---------------------------------|
| Study type: | Observational non invasive |
| Intervention model: | Other |
| Allocation: | Non-randomized controlled trial |
| Masking: | Open (masking not used) |
| Control: | Active |
| Primary purpose: | Diagnostic |

Recruitment

NL

Recruitment status: Recruitment stopped

| | |
|---------------------------|------------|
| Start date (anticipated): | 18-05-2009 |
| Enrollment: | 120 |
| Type: | Actual |

Medical products/devices used

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|---------------|----|
| Registration: | No |
|---------------|----|

Ethics review

| | |
|--------------------|---|
| Approved WMO | |
| Date: | 18-05-2009 |
| Application type: | First submission |
| Review commission: | METC academisch ziekenhuis Maastricht/Universiteit Maastricht, METC azM/UM (Maastricht) |

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 | NL25620.068.08 |
| Other | nog onbekend |