

Metacognitive skill training for schizophrenic patients

Submission date
22/12/2006

Recruitment status
No longer recruiting

☐ Prospectively registered

☐ Protocol

Registration date
26/01/2007

Overall study status
Completed

☐ Statistical analysis plan

☒ Results

Last Edited
07/01/2019

Condition category
Mental and Behavioural Disorders

☐ Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
DFG MO 969/6-1 & R03418/1-1

Study information

Scientific Title
Metacognitive skill training for schizophrenic patients

Study objectives

1. Primary objective: assessment of schizophrenic positive symptoms before and after intervention (hypothesis: accelerated symptom decline under experimental intervention)

2. Secondary objective: assessment of metacognitive deficits assumed to underlie delusion formation in schizophrenia before and after intervention (hypothesis: accelerated amelioration of metacognitive deficits under experimental intervention)

Please note that as of 01/11/2012, the target number of participants was updated from 300 to 150, due to an error in the original application

Ethics approval required

Old ethics approval format

Ethics approval(s)

Local ethics committee in Hamburg, 13th November 2006 (ref: 2612).

Study design

Interventional randomised controlled observer-blinded parallel-group multicentre study.

Primary study design

Interventional

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Schizophrenia

Interventions

Experimental intervention:

MetaCognitive skill Training (MCT) focusing on delusion-relevant metacognitive biases in schizophrenia.

Control intervention:

Cognitive remediation (computer-supported cognitive training program [COGPACK]).

Duration of intervention per patient: four weeks; sessions are scheduled twice weekly.

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Current primary outcome measure as of 01/11/2012:

A delusion score derived from the Positive and Negative Syndrome Scale (PANSS): sum score of items p1 (delusions), p5 (grandiosity) and p6 (suspiciousness)

Previous primary outcome measures until 01/11/2012:

1. Decline on PANSS positive subscale from T1 (baseline) to T2 (four weeks/assessment immediately after the end of intervention)

2. Conventional algorithm (i.e., sum of PANSS positive items one to seven)

Key secondary outcome(s)

1. Improvement of dysfunctional metacognitive biases (i.e., self-serving bias, jumping to conclusions bias, incorrigibility, over-confidence in errors, enhanced need for closure)
2. Subsequent to intervention represents secondary outcome parameter (i.e., difference T1-T2)

Secondary analyses will include follow-up.

Completion date

31/12/2009

Eligibility**Key inclusion criteria**

1. Patients diagnosed with schizophrenia spectrum disorder
2. Current or prior delusional symptoms
3. Informed consent
4. Clinical stability

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Key exclusion criteria

1. Age beyond 65
2. Severe brain damage
3. Intelligence Quotient (IQ) less than 70
4. More than or equal to five for ratings on hostility and non-cooperativeness and more than or equal to six on suspiciousness according to Positive And Negative Symptoms Scale (PANSS) interview
5. Incapacity to give informed consent

Date of first enrolment

01/12/2006

Date of final enrolment

31/12/2009

Locations**Countries of recruitment**

Germany

Study participating centre
University Medical Center Hamburg-Eppendorf
Hamburg
Germany
20246

Sponsor information

Organisation

German Research Foundation (DFG)/Federal Ministry of Education and Research (BMBF)
(Germany)

ROR

<https://ror.org/018mejw64>

Funder(s)

Funder type

Government

Funder Name

Deutsche Forschungsgemeinschaft

Alternative Name(s)

German Research Association, German Research Foundation, Deutsche Forschungsgemeinschaft (DFG), DFG

Funding Body Type

Government organisation

Funding Body Subtype

National government

Location

Germany

Funder Name

Bundesministerium für Bildung und Forschung

Alternative Name(s)

Federal Ministry of Research, Technology and Space, Bundesministerium für Bildung und Forschung, Federal Ministry of Education and Research, BMBF

Funding Body Type

Government organisation

Funding Body Subtype

National government

Location

Germany

Results and Publications

Individual participant data (IPD) sharing plan**IPD sharing plan summary****Study outputs**

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	01/10/2014		Yes	No
Results article	results	01/06/2018		Yes	No