

Training for schizophrenia patients in the community

Submission date 09/08/2020	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input checked="" type="checkbox"/> Protocol
Registration date 11/08/2020	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
Last Edited 18/01/2021	Condition category Mental and Behavioural Disorders	<input type="checkbox"/> Individual participant data

Plain English summary of protocol

Background and study aims

Schizophrenia is a severe long-term mental health condition. It causes a range of different psychological symptoms. The traditional general practitioner-based model (community-based rehabilitation [CBR]) for schizophrenia patients in China, lacks content-rich, useful, and theoretically-based rehabilitation means. However, according to previous research, Metacognitive Training (MCT) may be effective in the community for schizophrenic patients. The present study aims to compare a combined intervention consisting of MCT and CBR with the control group receiving CBR only.

Who can participate?

Patients aged 18-65 with schizophrenia

What does the study involve?

Participants are randomly allocated to the intervention group or the control group. The intervention group receives CBR plus Metacognitive Training (MCT) The MCT consists of 8 modules, each session lasts about 60 minutes, and the whole course lasts for 8 weeks, and a gift worth \$5 is given to the patient after each session. The control group receives a standard CBR in China for mental illness patients for 8 weeks. GPs first work with patients and their respective families to develop an individualized rehabilitation plan in the first week and then follow up once during the project in the form of a phone call or home visits. The total duration of the intervention is 8 weeks, and 1 week for the follow-up.

What are the possible benefits and risks of participating?

The course may improve the delusions of the patients.

Where is the study run from?

Ningbo Yinzhou District Center for Disease Control and Prevention (China)

When is the study starting and how long is it expected to run for?

August 2016 to December 2018

Who is funding the study?
Ningbo Medical Science and Technology Plan Project (China)

Who is the main contact?
Dr Qi Chen
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Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
2016c05

Study information

Scientific Title
Metacognitive training for schizophrenia patients in the community

Study objectives
The present study aims to compare a combined intervention consisting of MCT and CBR with the control group receiving CBR only. The study goes further to confirm the superiority of MCT over CBR for the improvement of delusion. Thus, decreasing the possibilities of violent acts committed by these patients in the community. The researchers also expect some aspects of the quality of life of these schizophrenic patients to improve. Finally, to find evidence of MCT feasibility on community rehabilitation, and for the government to tailor the community services by taking the MCT as a regular complement strategy to the CBR.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Approved 20/11/2016, YinZhou Center for Disease Control and Prevention's Research Ethics Board (No.1221, XueShi Rd, YinZhou District, Ningbo, China; +86 (0)57487418723; yzcdcreb@163.com), ref: 2016-11

Study design

interventional randomized controlled assessor-blinded trial

Primary study design

Interventional

Study type(s)

Quality of life

Health condition(s) or problem(s) studied

Schizophrenia

Interventions

The researchers use a completely random method for grouping. First, they number the subjects according to the order in which they are recruited. Then, they use the random number table method to give each subject a random number in sequence. Finally, they sort the subjects by the size of random numbers. They assign the first 60 cases to the intervention group, and the latter 60 cases to the control.

The intervention group receives CBR plus Metacognitive Training (MCT), Chinese ver.6.2 (see https://clinical-neuropsychology.de/metakognitives_training_psychose/). The MCT consists of 8 modules, which covers six cognitive and social biases (attribution biases, jumping to conclusions, belief inflexibility, overconfidence in errors, the theory of mind deficits, and depressive cognitive schemata). Each session lasts about 60 minutes, and the whole course lasts for 8 weeks, and a gift worth \$5 is given to the patient after each session.

The control group receives a standard CBR in China for mental illness patients (see http://www.gov.cn/gongbao/content/2018/content_5338247.htm) for 8 weeks. GPs first work with patients and their respective families to develop an individualized rehabilitation plan at the first week and then follow up once during the project in the form of a phone call or home visits. The rehabilitation plan in CBR consists of six aspects, including medication training, relapse identification, physical management, life skills training, social skills training, and occupational rehabilitation training etc.

The total duration of the intervention is 8 weeks, and 1 week for the follow-up.

Intervention Type

Behavioural

Primary outcome(s)

Symptom severity of delusion assessed with the Positive and Negative Syndrome Scale (PANSS) and Psychotic Symptom Rating Scales (PSYRATS) at baseline and the end of the intervention (8 weeks)

Key secondary outcome(s)

Quality of life measured using Schizophrenia Quality of Life Scale (SQLS) at baseline and the end of the intervention (8 weeks)

Completion date

01/12/2018

Eligibility**Key inclusion criteria**

1. Age 18-65
2. Diagnosis of schizophrenia in DSM-IV
3. Total PANNS score 50-120

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 years

Upper age limit

65 years

Sex

All

Total final enrolment

124

Key exclusion criteria

Psychoactive substances and substance abuse over the last 6 months

Date of first enrolment

01/01/2017

Date of final enrolment

01/12/2017

Locations**Countries of recruitment**

China

Study participating centre

Ningbo Yinzhou District Center for Disease Control and Prevention

No.1221

XueShi Rd

YinZhou District

Ningbo

China

315000

Sponsor information

Organisation

Ningbo Municipal Health Bureau

Funder(s)

Funder type

Government

Funder Name

Ningbo Medical Science and Technology Plan Project (2016C05)

Results and Publications

Individual participant data (IPD) sharing plan

Since the survey subjects are schizophrenic patients, most of the patients signed a privacy protection agreement before the project started in order to protect their privacy. However, the researchers can still provide the original questionnaire records and database of some patients when necessary. Dr Lifang Ren (13777142531@163.com) would be contacted for access to the datasets. The type of data can be Excel or others. The data will become available after 01/12 /2020 for 1 year. Data requesters need to apply to Ningbo Municipal Health Bureau and Yinzhou District Center for Disease Control and Prevention, and submit data analysis plans only for scientific usage. Consent from all the participants was obtained and all consent documents have been sealed according to the requirements of project file management, and can be inquired whenever needed.

IPD sharing plan summary

Available on request

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
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Results article	results	13/01/2021	15/01/2021	Yes	No
Protocol file			12/08/2020	No	No