Tablet-based support for older adults with severe mood disorders treated in an ambulatory geriatric psychiatry setting: protocol of a pilot study of the eCare@home system

No registrations found.

Ethical review	Positive opinion
Status	Pending
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON21312

Source
NTR

Brief title
eCare@home (ECH)

Health condition

e-mental health for older adults with recurrent/chronic mood disorders

Sponsors and support

Primary sponsor: - Department of Psychiatry and EMGO+ Institute for Health and Care Research, VU University Medical Center, Amsterdam, The Netherlands
- Department of Research & Innovation, GGZ Ingeest; Amsterdam, The Netherlands
Faculty of Behavioural and Movement Sciences / - - --- Department of Clinical, Neuro and Developmental Psychology, Section of Clinical Psychology, Vrije Universiteit Amsterdam, Van der Boechorststraat 1, 1081 BT Amsterdam, the Netherlands.
Source(s) of monetary or material Support: EU programme Ambient Assisted Living, via ZonMW

Intervention

Outcome measures

Primary outcome

System Acceptability

System Usability

Client Satisfaction

Secondary outcome

In our study, they are called 'other outcomes'

Technology use

Depressive symptoms

Manic symptoms

Study description

Background summary

Studies show that mood disorders show an unfavourable prognosis in late life, with a higher risk of relapse and chronicity than in younger populations. Elderly patients with these disorders face a number of challenges in terms of managing the disorder. The eCare@home (ECH) platform aims to optimize long-term face-to-face treatment for these patients using a user-friendly tablet computer. The platform is designed to 1) to improve patient's awareness and knowledge of recurrent mood disorders and their treatment, 2) to promote self-management through a simple daily monitoring tool, and 3) to facilitate (online) contact about their treatment with clinicians. The study aims to assess system acceptability, system usability and client satisfaction of the ECH platform from the perspective of patients and their clinicians. If tablet-based support for this group is shown to be feasible, the implication is to design a large-scale process and outcome evaluation.

Study design

baseline (T0)

week 8 (T1)

week 16 (T2)

Intervention

ECH is an Internet-based multi-user system that connects applications on different types of computers. It is an add-on to the existing treatment of older patients with recurrent depressive or bipolar disorder, which consists of a tablet computer application for the patients (the “HomeTab”) and a web-based clinician’s portal (“CP”). HomeTab is the tablet computer application that provides:

A personal mood-monitoring platform for patients to daily monitor certain aspects associated with their illness, psycho-educational resources on disease-management, medication and self-management activities, in the form of a wellness library, and, videoconferencing to facilitate easy access to a clinician. During the study period, the clinician will contact the patient at week 8 and at week 16 by videoconferencing, or sooner if necessary.

The CP of the ECH system is a web-based platform. Through it, the patient's self-reported mood, sleep and activity are visible to the clinician. Clinicians will be instructed to use these measures to prepare for face-to-face sessions, or during face-to-face sessions, to discuss salient patterns in tracked symptoms. In addition, the CP allows clinicians to push relevant psycho-educational material to the HomeTab.

Contacts

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Eligibility criteria

Inclusion criteria

Patients who are eligible:

- are 60 years of age or older;

- are currently treated by GGZ inGeest for recurrent depression (minimally two former depressive episodes including the present episode) or bipolar disorder (as determined by the GGZ inGeest registration records);

- have been in treatment at GGZ inGeest for at least 6 months;

- have sufficient command of the Dutch language, both verbally and in writing;

- provide signed informed consent.

Exclusion criteria

There are no exclusion criteria for this pilot study

Study design

Design

Study type:	Interventional
Intervention model:	Other
Allocation:	Non controlled trial

Control: N/A , unknown

Recruitment

NL

Recruitment status:	Pending
Start date (anticipated):	01-09-2016
Enrollment:	50

Type:	Anticipated

Ethics review

Positive opinion
Date: 15-03-2016
Application type: First submission

Study registrations

Followed up by the following (possibly more current) registration

ID: 42131
Bron: ToetsingOnline
Titel:

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

No registrations found.

In other registers

Register	ID
NTR-new	NL4914
NTR-old	NTR5778
CCMO	NL50436.029.14
OMON	NL-OMON42131

Study results