

# 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

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<b>Ethische beoordeling</b>	Positief advies
<b>Status</b>	Werving nog niet gestart
<b>Type aandoening</b>	-
<b>Onderzoekstype</b>	Interventie onderzoek

## Samenvatting

### ID

NL-OMON21312

### Bron

Nationaal Trial Register

### Verkorte titel

eCare@home (ECH)

### Aandoening

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

## Ondersteuning

**Primaire 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.

**Overige ondersteuning:** EU programme Ambient Assisted Living, via ZonMW

## Onderzoeksproduct en/of interventie

### Uitkomstmaten

#### Primaire uitkomstmaten

System Acceptability <br>

System Usability<br>

Client Satisfaction

## Toelichting onderzoek

### Achtergrond van het onderzoek

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.

### Onderzoeksopzet

baseline (T0)

week 8 (T1)

week 16 (T2)

### Onderzoeksproduct en/of interventie

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.

## Contactpersonen

### Publiek

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### Wetenschappelijk

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## Deelname eisen

### Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Patients who are eligible:

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- 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.

## Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

There are no exclusion criteria for this pilot study

## Onderzoeksopzet

### Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Anders
Toewijzing:	N.v.t. / één studie arm
<b>Controle:</b>	N.v.t. / onbekend

### Deelname

Nederland	
Status:	Werving nog niet gestart
(Verwachte) startdatum:	01-09-2016
Aantal proefpersonen:	50
Type:	Verwachte startdatum

## Ethische beoordeling

Positief advies	
Datum:	15-03-2016

Soort:

Eerste indiening

## Registraties

### Opgevolgd door onderstaande (mogelijk meer actuele) registratie

ID: 42131

Bron: ToetsingOnline

Titel:

### Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

### In overige registers

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

## Resultaten