

Detecting and Controlling Arrhythmia by self monitoring of ECG at Home

No registrations found.

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

Summary

ID

NL-OMON23408

Source

NTR

Health condition

history referring to a possible arrhythmia
patients using a potent arrhythmogenic drug.

Keywords: smartphone; arrhythmia; self monitoring

Sponsors and support

Primary sponsor: zuyderland MC Heerlen

Source(s) of monetary or material Support: None

Intervention

Outcome measures

Primary outcome

Does self monitoring of the ECG by the patient contribute to the correct diagnosis, reduce the frequency of cardiology consultations and lead to less side effects and lower dosage of medication, such as beta blockers and Class 3 arithmetic's?

- Do patients become more confident and gain more insight into their own performance?

- Have patients easily mastered the technique?

Study description

Background summary

PILOT TRIAL OF 20 ARRHYTHMIA PATIENTS USING AN IPHONE WITH AN ALIVECOR HEARTMONITOR AND APP TO MAKE ECG'S AT HOME

Study objective

Self monitoring of the ECG by the patient contributes to the correct diagnosis, reduces the frequency of cardiology consultations and leads to less side effects and lower dosage of medication.

Patients become more confident and gain more insight into their own performance.

Patients can easily master the technique used.

Study design

period of registration at home: 3 weeks

Intervention

selfmonitoring of ecg at home usingd the AliveCor Heart Monitor, a new technology in which a ECG computer chip and sensors are integrated in the case of an iPhone.

Contacts

Public

Zuyderland MC Heerlen

P.F.H.M Höppener
Akerstraat 89

Heerlen 6417BK
The Netherlands
tel: 045 5710420

Scientific

Zuyderland MC Heerlen

P.F.H.M Höppener
Akerstraat 89

Heerlen 6417BK
The Netherlands
tel: 045 5710420

Eligibility criteria

Inclusion criteria

Patients with a history referring to a possible arrhythmia, not or incompletely recorded in prior examinations and patients using a potent arrhythmogenic drug.

Exclusion criteria

patients not able to work with a smartphone, even after ample instruction.

Study design

Design

Study type:	Interventional
Intervention model:	Other
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	01-09-2015
Enrollment:	20
Type:	Anticipated

Ethics review

Positive opinion

Date: 07-08-2015

Application type: First submission

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
NTR-new	NL5226
NTR-old	NTR5375
Other	METC Heerlen : 15-N-120

Study results