

Temporal Dynamics of Depressive Symptoms and Physical Activity in Post-Myocardial Infarction Patients: A Pilot Study.

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The aim of this study is to investigate the temporal dynamics between depressive symptoms and physical activity in post-MI patients, in order to prevent the deleterious effects of depression on heart disease prognosis and improve patient counselling...

Ethical review	Approved WMO
Status	Recruitment stopped
Health condition type	Myocardial disorders
Study type	Observational non invasive

Summary

ID

NL-OMON34742

Source

ToetsingOnline

Brief title

Depressive Symptoms and Physical Activity in Myocardial Infarction Patients

Condition

- Myocardial disorders
- Mood disorders and disturbances NEC

Synonym

Depression, Depressive Symptoms, Heart Attack, Post-Myocardial Infarction

Research involving

Human

Sponsors and support

Primary sponsor: Maxima Medisch Centrum

Source(s) of monetary or material Support: Ministerie van OC&W

Intervention

Keyword: Depressive Symptoms, Myocardial Infarction, Physical Activity

Outcome measures

Primary outcome

Temporal dynamics of depressive symptoms and physical activity.

Secondary outcome

Role of feelings of anxiety in the temporal dynamics of depressive symptoms and physical activity.

Study description

Background summary

Depressive symptoms increase the risk of cardiovascular morbidity and mortality in myocardial infarction (MI) patients. Physical inactivity is associated as a mechanism in this relationship. Insight in the temporal dynamics between physical activity and depressive symptoms in post-MI patients is of great importance in order to prevent the deleterious effects of depression on heart disease prognosis and improve patient counselling and treatment.

Study objective

The aim of this study is to investigate the temporal dynamics between depressive symptoms and physical activity in post-MI patients, in order to prevent the deleterious effects of depression on heart disease prognosis and improve patient counselling and treatment.

Study design

Multiple-case study of 7 post-MI patients with depressive symptoms, by assessing the degree of physical activity and depressive symptoms with a daily

self-rating questionnaire during a twelve week period.

Study burden and risks

There are no risks involved in participating in this study. Participants will complete a daily self-rating questionnaire for a twelve week period. The total burden is estimated to be 14 hours.

Contacts

Public

Maxima Medisch Centrum

De Run 4600
5504 DB Veldhoven
NL

Scientific

Maxima Medisch Centrum

De Run 4600
5504 DB Veldhoven
NL

Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adults (18-64 years)

Elderly (65 years and older)

Inclusion criteria

post-myocardial infarction patient
ages between 30 and 65 years

Beck Depression Inventory score ≥ 10 (depressive symptoms)

Exclusion criteria

significant cognitive impairments
life threatening diseases
severe problems with physical activity

Study design

Design

Study type: Observational non invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Basic science

Recruitment

NL

Recruitment status: Recruitment stopped

Start date (anticipated): 01-06-2010

Enrollment: 7

Type: Actual

Ethics review

Approved WMO

Date: 13-07-2010

Application type: First submission

Review commission: METC Maxima Medisch Centrum (Veldhoven)

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
CCMO	NL31596.015.10