

Feasibility and efficacy of financial incentives for the promotion of physical activity as part of self management for patients with diabetes and cardiovascular diseases.

Published: 25-02-2015

Last updated: 21-04-2024

The aim of this study is to explore the efficacy, effectivity and costeffectivity of financial incentives for the promotion of physical activity in the health care setting.

Ethical review	Approved WMO
Status	Will not start
Health condition type	Other condition
Study type	Interventional

Summary

ID

NL-OMON42134

Source

ToetsingOnline

Brief title

Efficacy of incentives for physical activity in chronically ill patients.

Condition

- Other condition

Synonym

health behaviour, lifestyle, program adherence

Health condition

gezondheidsgedrag en compliance

Research involving

Human

Sponsors and support

Primary sponsor: Tilburg University

Source(s) of monetary or material Support: Zonmw,CZ groep
Zorgverzekeringen,Zorggroep Syntein,Zorgverzekeraar CZ;Zorggroep Syntein

Intervention

Keyword: exercise, financial incentive, prevention

Outcome measures

Primary outcome

Results of the fitness tests

Health related quality of life

Physical activity behavior

Motivation for physical activity and healthy nutrition.

Secondary outcome

Medication use

Blood glucose

Blood pressure

Health care costs/health care consumption

Study description

Background summary

Last years, more attention has been paid for prevention of diseases, but also for influencing the progression of chronic diseases in a positive way. For diabetes and cardiovascular diseases enough exercise and a healthy diet are important factors to prevent worsening of the disease. Care group Syntein has developed a lifestyleprogram in which patients are educated how they can

exercise enough and what a healthy diet means.

About the influence of financial incentives on physical activity behaviour are positive and negative expectations. Hardly any research has been done to what extent financial incentives have a positive influence on physical activity behaviour for interventions from the health care setting. In this study, the effectiveness and cost-effectiveness of a financial incentive on physical behavior that is attached to the lifestyle program of Syntein. The results of this study will contribute to insights about the use of financial incentives for the promotion of physical activity in the health care setting.

Study objective

The aim of this study is to explore the efficacy, effectiveness and cost-effectiveness of financial incentives for the promotion of physical activity in the health care setting.

Study design

The study is a controlled clinical trial with three intervention groups that will be divided by region. The division of the groups by region was chosen because of several methodological reasons.

Intervention

All participants receive a lifestyle program offered which is in the regular care. Of the three groups one group will function as control group and will only receive the lifestyle program. The other two groups receive the lifestyle program and in addition a financial incentive. These financial incentives are different in both groups. The actual interventions in this study are the two financial incentives. The actual intervention is the financial incentive.

Study burden and risks

Participants of the trial will complete one extra fitness test at 52 weeks compared to the patients who do not participate in the trial and only participate in the lifestyle program. Besides that, at every measurement the participants have to fill out some additional questionnaires.

Contacts

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Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adults (18-64 years)

Elderly (65 years and older)

Inclusion criteria

Patient receives integrated care for diabetes or chronic vascular risk management.

Exclusion criteria

Presence muscle diseases

Presence lungdiseases

Patient is a minor

Patient is pregnant or has the desire to become pregnant in the near future

Study design

Design

Study type:	Interventional
Intervention model:	Other
Allocation:	Non-randomized controlled trial
Masking:	Open (masking not used)

Primary purpose: Prevention

Recruitment

NL	
Recruitment status:	Will not start
Enrollment:	150
Type:	Anticipated

Ethics review

Approved WMO	
Date:	25-02-2015
Application type:	First submission
Review commission:	METC Brabant (Tilburg)
Approved WMO	
Date:	12-03-2015
Application type:	Amendment
Review commission:	METC Brabant (Tilburg)

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	NL50571.028.14